

# Weather Activities Using Davis Instruments Weather Stations

## Grades K-2 Teacher's Notes

Many teachers begin each class day with developmentally appropriate activities such as observing and discussing the weather. The Davis Instruments station provides the real-time weather data to enhance lessons that include student observations. Below are ideas for incorporating the data with the observations.

### **Our Weather This Week**

The teacher can provide any of the following directions for this activity:

**“Today Is” column:** student writes the day of the week and puts a small drawing next to it to show how the sky looks. Ex.: a sun, a sun peeking out from the clouds, several clouds, a cloud with rain falling, a cloud with lightning, cloud with snow, etc.

**“Temperature” column:** student is given a reading from Davis Instrument monitor or WeatherLink<sup>®</sup> software. The teacher should give a reading from the same time each day if possible. In the same box, the student could write a descriptive word, such as: hot, warm, cool, cold.

**“Wind” column:** student can be given the wind speed, wind direction, or both. The teacher should give the reading from the same time each day if possible.

**“Clothes to Wear” column:** student can draw articles of clothing, list the articles, or use stickers to show what they think is appropriate. This should be based on the readings they are given and their observations made on the way to school or at lunch.

Questions 1-5, following, should be answered at the end of each week after all data has been recorded. If multiple weeks are collected, the students can experience a more detailed study of the weather.

Space is provided at the bottom of the page for any drawing that helps the student describe the weather. Ideas might include showing how the trees looked as the wind blew or how the flag looked on the pole as the wind blew.

## **Our Weather Today**

The teacher can provide more information for a single day so that students can observe that the weather changes during the day.

**“Temperature”**: students can record the temperature and write a descriptive word such as: hot, warm, cool, or cold. They may note changes during the day.

**“Wind Direction”**: students may write such words as north, south, east, southwest, or letters such as NE, SW, NW, E. A compass can be used in the classroom to show each direction.

**“Wind Speed”**: student may record the speed of the wind in miles per hour. As air warms throughout the day, the wind speed usually increases.

**“Sky”**: student may draw a symbol such as those described in the “Today Is” column above.

# OUR WEATHER THIS WEEK

TODAY IS	TEMPERATURE	WIND	CLOTHES TO WEAR TODAY

1. THE WARMEST DAY THIS WEEK WAS \_\_\_\_\_
2. THE COOLEST DAY THIS WEEK WAS \_\_\_\_\_
3. THE WIND BLEW THE MOST ON \_\_\_\_\_
4. THE WIND BLEW THE LEAST ON \_\_\_\_\_
5. THE KIND OF WEATHER I LIKE THE MOST IS \_\_\_\_\_  
\_\_\_\_\_

# OUR WEATHER TODAY

Today is \_\_\_\_\_

## MORNING

TEMPERATURE

WIND DIRECTION

WIND SPEED

SKY

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## NOON

TEMPERATURE

WIND DIRECTION

WIND SPEED

SKY

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## AFTERNOON

TEMPERATURE

WIND DIRECTION

WIND SPEED

SKY

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1. WHEN DID WE HAVE THE WARMEST TEMPERATURE? \_\_\_\_\_

2. DID THE WIND DIRECTION CHANGE DURING THE DAY? \_\_\_\_\_

3. WHEN WAS IT THE WINDIEST DURING THE DAY? \_\_\_\_\_

4. DID THE SKY CHANGE DURING THE DAY? \_\_\_\_\_

5. HOW DID THE SKY CHANGE DURING THE DAY? \_\_\_\_\_

\_\_\_\_\_